

Title (en)

DEVICE FOR ADJUSTING THE STROKE VOLUME OF HYDRAULIC PISTON MACHINES

Title (de)

VERSTELLVORRICHTUNG DES HUBVOLUMENS VON HYDRAULISCHEN KOLBENMASCHINEN

Title (fr)

DISPOSITIF DE RÉGLAGE DE LA CYLINDRÉE DE MOTEURS À PISTONS HYDRAULIQUES

Publication

EP 2195562 B1 20111214 (DE)

Application

EP 08803055 A 20080815

Priority

- EP 2008060763 W 20080815
- DE 102007047193 A 20071002

Abstract (en)

[origin: WO2009047041A1] The invention relates to a device for adjust the stroke volume of a first piston machine (1) of bent axis construction and a second piston machine (2) of bent axis construction, comprising a common component (4) by way of which the stroke volumes can be adjusted, and a valve (12) that is rerouted when the maximum pressure level in the working lines (3) is exceeded, such that the common component (4) reroutes the stroke volume in the direction of lower power input.

IPC 8 full level

F16H 61/421 (2010.01); **F16H 61/42** (2010.01); **F16H 61/423** (2010.01); **F16H 61/437** (2010.01); **F16H 61/46** (2010.01); **F16H 61/478** (2010.01)

CPC (source: EP)

F16H 61/421 (2013.01); **F16H 61/423** (2013.01); **F16H 61/437** (2013.01); **F16H 61/478** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007047193 A1 20090409; AT E537386 T1 20111215; EP 2195562 A1 20100616; EP 2195562 B1 20111214;
WO 2009047041 A1 20090416

DOCDB simple family (application)

DE 102007047193 A 20071002; AT 08803055 T 20080815; EP 08803055 A 20080815; EP 2008060763 W 20080815